

INFORMATION REPORT

CD NO. 25X1

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SUPPLEMENT TO
REPORT NO.

COUNTRY Hungary

SUBJECT Layout of the Iron Foundry, Dunapentele
Industrial Center

25X1 PLACE
ACQUIRED

25X1 DATE
ACQUIRED

25X1 DATE OF INFORMATION

25X1 THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE
OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT 50
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THIS IS UNEVALUATED INFORMATION

- 25X1
1. Construction of the iron foundry at Dunapentele started on 15 May 1950. Although it was scheduled for completion by 1 March 1951, it was not actually ready until 7 November 1951.
 2. Production started on 11 November 1951 with 180 workers. The numbers have rapidly increased and today some 800 - 1000 are employed. The head of the foundry is Chief Engineer Niklos Karovits, who is said to be Soviet. The head of the casting hall is Sander Laita, who was transferred to Dunapentele from the Matyas Rakosi Works in Csepel upon orders of the Ministry of Foundries. The head of the smaller workshops in the right-hand side partition of the Foundry is Engineer Janos Bola.
 3. It is currently reported that the production of this foundry has been rather unsatisfactory in both quality and quantity compared with that of the Csepel Works.
 4. The Dunapentele foundry is a pre-fabricated building of reinforced concrete, 72 x 117 m in size. It is laid out in three partitions respectively 21.40, 24.80 and 28.20 m high. The foundation walls were built according to the old conventional system, and the ground-water pressed out. The main pillars stand in water-proof concrete 'baskets' 40 x 40 cm and 60 cm deep. The pillars, also pre-fabricated, are 17m high, 35x35 cm at the base and 35x72 cm at the top. The tops support a steel structure to which is attached an electrically operated crane which moves on rails. The building has large side and roof windows.
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5. "Upon entering the main door of the foundry, an iron door (2.50x4m) on the right-hand side leads to the assembling hall (24 x 80m). On the inner 24m wall a door leads to the turning-lathe workshop, the first of a series of workshops. This shop leads into the workshop of the electrical fitters, which leads into the storeroom for copper and other metals. These five workshops are all 18x24 m. The storeroom for copper adjoins the storeroom for pig-iron which is 24x27 m.
6. "As one enters the center part of the foundry from the main entrance one enters the workshop where hot iron is cast. This is 54 x 24m. An iron door leads through into the 'Martin' hall, which is 24 x 72m. Here there are seven 4 x 4 m Martin ovens. Opposite these Martin furnaces stand seven [] electrical casting tubes []. A narrow guage railway line runs through the center of the hall between the Martin ovens and the [] casting tubes.
7. "In the left side partition behind the Martin ovens, there is a hall with seven molting ovens, each 4 x 4 m. A door (8 x 5 m) leads from this hall through a 24 m partition into the hall (45 x 24 m) where coal and coke are stored. There are three storage bins 4x6x4 m deep.
8. "In the central hall electrical cranes, each with a capacity of 20,000 kg, operate about 12 m off the ground. There are similar cranes in the side halls, each with a capacity of 5000 kg.

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layout of the

iron foundry at Dunapentele

A- Floor Plan (very rough scale)

1. Pillars
 2. Brick walls separating partitions
 3. Coke stores
 4. Connecting iron doors
 5. Entrance
 6. Brick walls
 7. Melting ovens
 8. Electric casting tubes
 9. Narrow-guage railroad track
 - I. Fitters' workshop
 - II. Turning lathe workshop
 - III. Smithy
 - IV. Welding workshop
 - V. Casting-mould workshop
 - VI. Pig-iron store
 - VII. Casting workshop
 - VIII. } Martin Ovens
 - IX. }
 - X. Coke stores
- B- Frontal Section
1. Pillar
 2. Crane runway
 3. Side top lights
 4. Central top lights
- C. Front View, showing windows and doors."/>

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CENTRAL INTELLIGENCE AGENCY

REPORT

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B- Frontal Section

1. Pillar
2. Crane runway
3. Side top lights
4. Central top lights

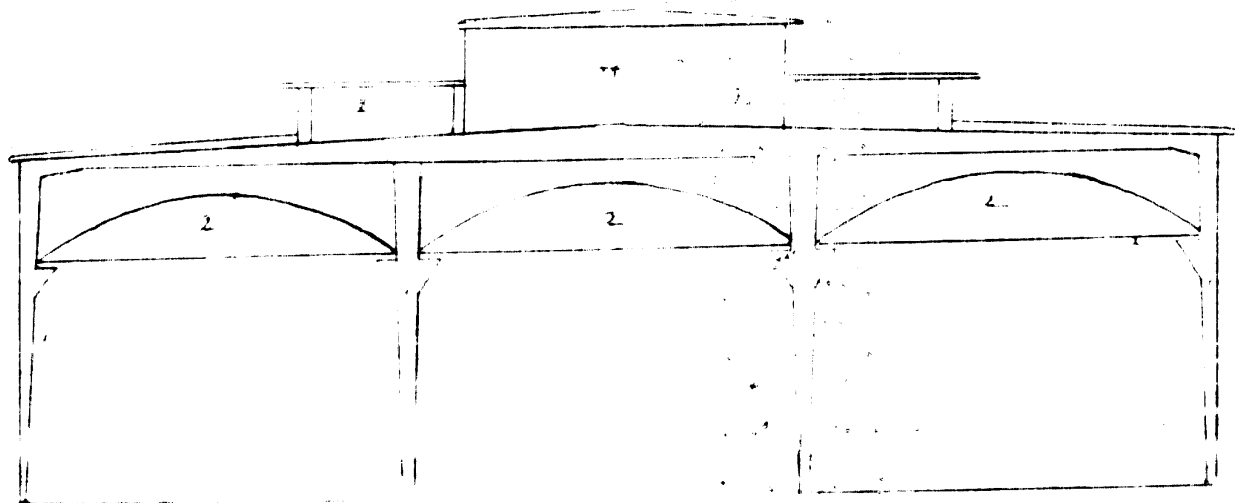
C. Front View, showing windows and doors."/

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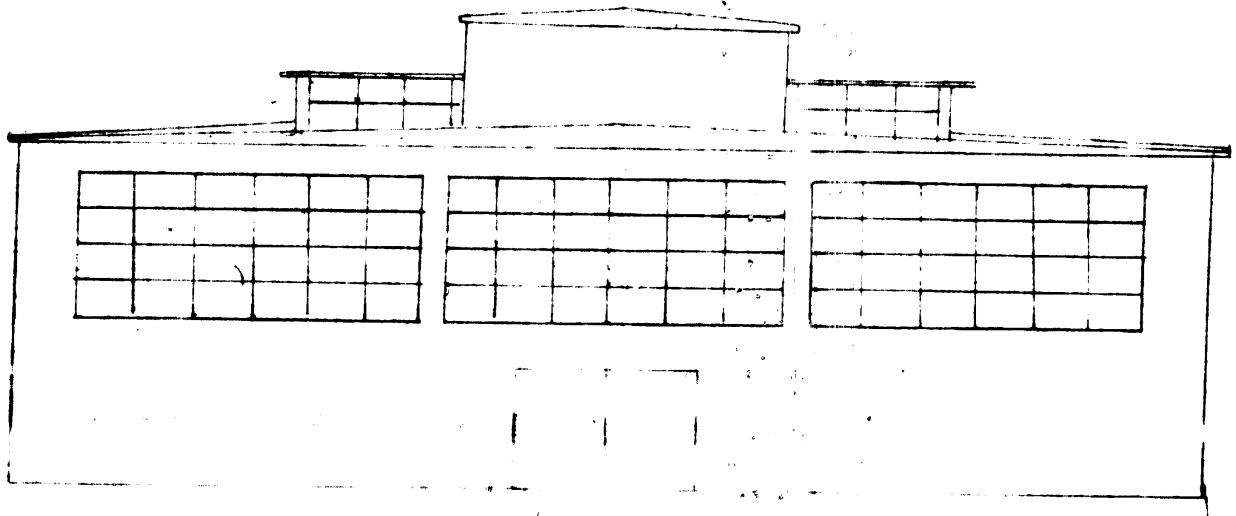
B



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- 1) Piller
- 2) Darufertig
- 3) Olgafeluturhagto
- 4) Hecopleturhagto

✓(c)

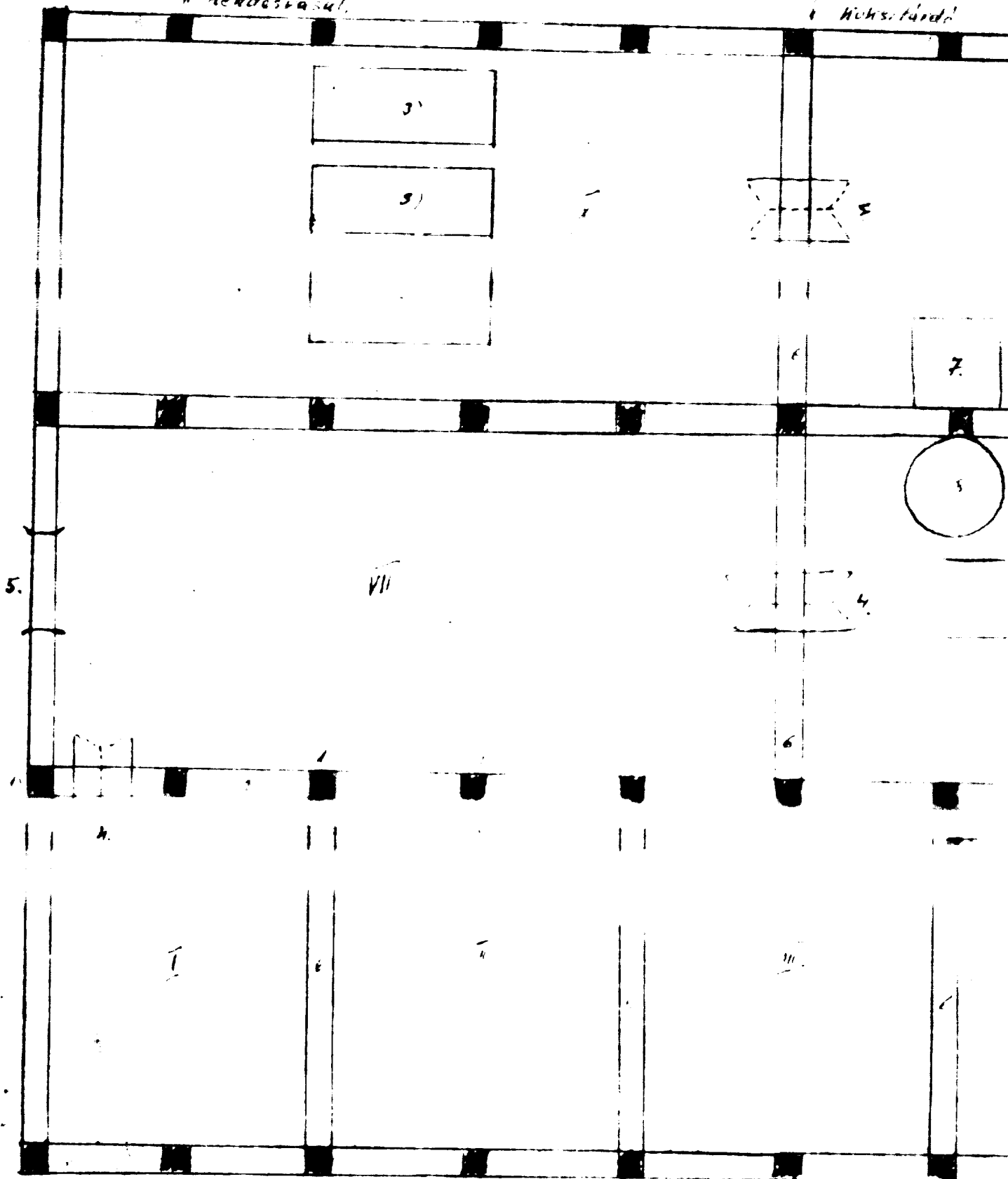


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2) Olvasatok kiemeztet.

81 Villányöntöcsék

9. Herdswoman

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